

## SUMMARY OF INVENTION

### Inflorescence

### Outstanding feature

corolla	12cm diameter
color	Munsell Hue 2.5R 9/3 pale pink
cone	3-4 cm high
petals	8
fragrance	scented
fertility	sterile to date
time	late spring

### Tree

foliage	persistent evergreen
habit	symmetrical, oval pyramid, single leader
leaves	acute, 14-18 cm, undersurface, lt. white pubescence color, green 5gy 4/3 Munsell hue
height	4 meters from seed after 25 years
hardiness	has survived 10 degrees F in Atlanta

### Parentage

seed parent	Manglietia insignis ( Chinese origin )
pollen parent	Magnolia virginiana, variety near Savannah which blooms as small plant
classification	both parents members of magnoliaceae

### Propagation

softwood cuttings rooted  
cleft grafts on magnolia

## CLAIM

### I claim:

1. A new and distinct intergeneric hybrid of a pink flowered evergreen magnolia named, Katie-O Early, as illustrated and described.

**MAGNOLIA INTERGENERIC HYBRID NAMED  
KATIE-O EARLY**

**INVENTOR            S. CHRISTOPHER EARLY**

**FIELD OF SEARCH .....Plt./51**

**REFERENCES CITED**

**U.S. PATENT DOCUMENTS**

P.P. 4,145    11/ 1977 Specht.....Plt. 51  
P.P. 7,456    2/ 1991 Savage et al ..Plt 51

**OTHER DOCUMENTS**

Mc Daniel , "J.C. "Variations in Sweet Bay Magnolias "  
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"Journal of the Royal Horticultural Society "

**ABSTRACT**

**AN INTERGENERIC HYBRID MAGNOLIA NAMED  
KATIE-O EARLY, PARTICULARLY CHARACTERIZED BY  
HAVING PINK FLOWERS ON AN EVERGREEN TREE..**

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## BACKGROUND OF A NEW PLANT

This invention relates to a new and distinct intergeneric hybrid of *Manglietia insignis* and *Magnolia virginiana*, both members of the magnolia family, Magnoliaceae. The distinct features of this hybrid are it's pink flowers on an evergreen plant.

The *Manglietia insignis*, from China, was secured as a cutting from the Strybing Arboretum in San Francisco over thirty years ago. The rooted cutting was subsequently planted in the atrium ( enclosed garden ) of the home of S. Christopher Early in Atlanta.

The *Magnolia virginiana* is a version of this species growing around Savannah, Ga. which blooms as a small plant. It's seedlings are often cut down by mowers clearing the roadside. Several of these seedlings were planted near the home of S. Christopher Early in Atlanta.

After several years the *M. insignis* bloomed and pollen from the *M. virginiana* was applied to the pistils of the *M. insignis* flowers over a two year period. A fertile seed pod subsequently appeared with several seed.. From these seed have come six seedlings, one of which has bloomed and is the subject of this application. It and one of the other seedlings are over twelve feet tall. All of the siblings have survived cold spells over twenty five years down to as low as ten degrees F. The size of the bloom are between those of the two parents, about 12 cm. The seed pods from this plant do not form pollen nor do the pistils accept pollen but dry up after a week or so. This condition could change with more favorable growing conditions. Cuttings have been rooted and grafts have been made.

I have named the flower of this sibling , Katie-O Early, after my mother who was a great lover of people and flowers.

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